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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/483,588DATE: 02/08/2000
TIME: 14:04:57

Input Set: I483588.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Leonard Presta
2 <120> TITLE OF INVENTION: Polypeptide Variants with Altered Effector Function
3 <130> FILE REFERENCE: P1726R1
4 <140> CURRENT APPLICATION NUMBER: US/09/483,588
5 <141> CURRENT FILING DATE: 2000-01-14
6 <150> EARLIER APPLICATION NUMBER: US 60/116,023
7 <151> EARLIER FILING DATE: 1999-01-15
8 <160> NUMBER OF SEQ ID NOS: 11
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11 <212> TYPE: PRT
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13 <220> FEATURE:
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16 <223> OTHER INFORMATION: Sequence is completely synthesized
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19 1 5 10
20 Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Lys Pro Val Asp 30
21 20 25
22 Gly Glu Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro Gly 45
23 35 40
24 Lys Ala Pro Lys Leu Leu Ile Tyr Ala Ala Ser Tyr Leu Glu Ser 60
25 50 55
26 Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe 75
27 65 70
28 Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr 90
29 80 85
30 Tyr Cys Gln Gln Ser His Glu Asp Pro Tyr Thr Phe Gly Gln Gly 105
31 95 100
32 Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala Pro Ser Val Phe 120
33 110 115
34 Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly Thr Ala Ser 135
35 125 130
36 Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala Lys Val 150
37 140 145
38 Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln Glu 165
39 155 160
40 Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser 180
41 170 175
42 Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val 195
43 185 190
44 Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr

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60		20	25
61	Ser Gly Tyr Ser Trp Asn Trp Ile Arg Gln Ala Pro Gly Lys Gly		30
62		35	40
63	Leu Glu Trp Val Ala Ser Ile Lys Tyr Ser Gly Glu Thr Lys Tyr		45
64		50	55
65	Asn Pro Ser Val Lys Gly Arg Ile Thr Ile Ser Arg Asp Asp Ser		60
66		65	70
67	Lys Asn Thr Phe Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp		75
68		80	85
69	Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser His Tyr Phe Gly His		90
70		95	100
71	Trp His Phe Ala Val Trp Gly Gln Gly Thr Leu Val Thr Val Ser		105
72		110	115
73	Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser		120
74		125	130
75	Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val		135
76		140	145
77	Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly		150
78		155	160
79	Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser		165
80		170	175
81	Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser		180
82		185	190
83	Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro		195
84		200	205
85	Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys Asp		210
86		215	220
87	Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly		225
88		230	235
89	Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu		240
90		245	250
91	Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val		255
92		260	265
93	Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly		270
94		275	280
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95 Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr 300
96 290 295
97 Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln 315
98 305 310
99 Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys 330
100 320 325
101 Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly 345
102 335 340
103 Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu 360
104 350 355
105 Glu Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly 375
106 365 370
107 Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln 390
108 380 385
109 Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp 405
110 395 400
111 Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg 420
112 410 415
113 Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala 435
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115 Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly 450
116 440 445
117 Lys
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127 20 25
128 Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys 45
129 35 40
130 Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr 60
131 50 55
132 Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser 75
133 65 70
134 Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr 90
135 80 85
136 Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys 105
137 95 100
138 Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr 120
139 110 115
140 Thr Leu Pro Pro Ser Arg Glu Glu Met Thr Lys Asn Gln Val Ser 135
141 125 130
142 Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val 150
143 140 145
144 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr

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145                               155                               160                               165
146      Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys
147                               170                               175                               180
148      Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser
149                               185                               190                               195
150      Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys
151                               200                               205                               210
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153                               215                               218
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161      Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val
162      20 25 30
163      Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys
164      35 40 45
165      Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr
166      50 55 60
167      Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser
168      65 70 75
169      Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr
170      80 85 90
171      Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys
172      95 100 105
173      Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
174      110 115 120
175      Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser
176      125 130 135
177      Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val
178      140 145 150
179      Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr
180      155 160 165
181      Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys
182      170 175 180
183      Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser
184      185 190 195
185      Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys
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187      Ser Leu Ser Leu Ser Pro Gly Lys
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192      <213> ORGANISM: homo sapiens
193      <400> SEQUENCE: 5
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195      1      5      10      15
196  Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr
197      20      25      30
198  Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Gln Phe
199      35      40      45
200  Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys
201      50      55      60
202  Pro Arg Glu Glu Gln Phe Asn Ser Thr Phe Arg Val Val Ser Val
203      65      70      75
204  Leu Thr Val Val His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys
205      80      85      90
206  Cys Lys Val Ser Asn Lys Gly Leu Pro Ala Pro Ile Glu Lys Thr
207      95      100      105
208  Ile Ser Lys Thr Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr
209      110      115      120
210  Leu Pro Pro Ser Arg Glu Glu Met Thr Lys Asn Gln Val Ser Leu
211      125      130      135
212  Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu
213      140      145      150
214  Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro
215      155      160      165
216  Pro Met Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu
217      170      175      180
218  Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys
219      185      190      195
220  Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser
221      200      205      210
222  Leu Ser Leu Ser Pro Gly Lys
223      215      217
224  <210> SEQ ID NO 6
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231  Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val
232      20      25      30
233  Thr Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Gln
234      35      40      45
235  Phe Lys Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr
236      50      55      60
237  Lys Pro Arg Glu Glu Gln Phe Asn Ser Thr Phe Arg Val Val Ser
238      65      70      75
239  Val Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr
240      80      85      90
241  Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys
242      95      100      105
243  Thr Ile Ser Lys Thr Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr
244      110      115      120

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VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text